



बर्दघाट नगरपालिका
नगर कार्यपालिकाको कार्यालय



बर्दघाट, नवलपरासी (ब.सु.प)

लुम्बिनी प्रदेश, नेपाल

पत्र संख्या:-२०८२/०८३

च.नं.



मिति:- २०८३/०१/११

विषय:- लागत अनुमान प्रयोजनको लागि दररेट पेश गर्ने सम्बन्धि सूचना ।

श्री सरोकारवाला फर्म/सप्लायर्सहरु सबै

प्रस्तुत विषयमा यस कार्यालयको लागि यसै पत्रसाथ संलग्न प्रमाणित स्पेशिफिकेशन अनुसारको Online UPS System खरिद गर्नका लागि लागत अनुमान तयार गर्नुपर्ने भएकाले यो सूचना प्रकाशन भएको मितिले ७ (सात) दिन भित्र पेश भएको स्पेशिफिकेशन अनुसारको Online UPS को प्रति इकाइ दररेट खुलाई निम्न कागजातहरु संलग्न राखी यस कार्यालयमा पेश गर्नुहुन सम्बन्धित सबैमा जानकारीको लागि यो सूचना प्रकाशित गरिएको छ ।

आवश्यक कागजातहरु

- आ.व. ०८१/०८२ को करचुक्ता प्रमाणपत्रको प्रतिलिपी,
- संस्था/फर्म /सप्लायर्स दर्ता प्रमाणपत्रको प्रतिलिपी,
- स्थायी लेखा नम्बर दर्ता प्रमाणपत्रको प्रतिलिपी ।

बाबुराम पौडेल
(प्रमुख प्रशासकीय अधिकृत)

प्रमुख प्रशासकीय अधिकृत

Technical Specification of 30 kVA Online UPS System					
	Technical Specification				
	Manufacturer				
	Brand				
	Type/Model				
	Country of Origin				
	System Required Unit				
S.No	Technical Specifications	Required Quantity	Physical Unit	Bidder's Proposed Specification	Deviation (If Any)
1	30 kVA 240 V Online UPS 3 Phase IN 3 Phase OUT with Isolation Transformer	1	Nos		
2	Capacity: 30 kVA or more				
3	Input				
3.1	Voltage Range: 285-470 @100% Load. Three Phase (4 wire)				
3.2	Frequency Range (Hz): 50Hz +/- 10%				
3.3	Power Factor: 0.95 or better				
4	Output				
4.1	Power Factor: 0.8 or better				
4.2	Voltage(V): 380-415 V AC 3Ø +/- 1% (configurable)				
4.3	Frequency (Hz): 50Hz +/- 0.1%				
4.4	Waveform: Pure Sine Wave				
4.5	Total Harmonic Distortion: < 3% (linear load)				
4.6	Overload: <= 125% for 10 min, 150% 1min, >150% for 300ms				
4.7	Efficiency: 94.0% or better				
4.8	Isolation Transformer shall be inbuilt within the system.				
5	Battery				

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5.1	Battery Voltage shall be approx.240V·DC				
5.2	Charging Current shall be up to 10A or better				
5.3	Battery shall be Maintenance Free Gel Type whose capacity must not be less than 65 AH				
5.4	Charging Time: 4-5 Hrs or better				
6	System Features				
6.1	The system shall be able to display Input and Output voltage, input and output frequency, load and battery %, Mains, AC mode, DC mode, Low Battery, Overload				
6.2	There shall be the plenty of Audio and Visual alarms for Battery Low Voltage, Abnormal Power Supply, UPS Failure, Overload,etc.				
6.3	Protection for Battery Low Voltage, Overload, short Circuit and Over Temperature shall be available in the proposed system				
7	Environmental				
7.1	Temperature: Operating 0-50 degree C, Storage: -15-degree C to 60 degree C				
7.2	Noise <= 50dBA				
8	Standards				
8.1	Quality: ISO 9000, ISO 14001, ISO 27001, ISO 45001, ISO 500001, BIS, RoHS				
8.2.	Safety: IEC/EN62040-1				
8.3	EMC/Performance: IEC/EN62040; IEC/EN62040-3; Complying to CE				
9	100AH Battery	36	Nos		
10	Battery Rack-Metallic	1	Nos		
11	32A MCB, with PVC Box	3	Nos		
12	100A 25 kA MCCB, with Metal Box	1	Nos		

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13	25 sq. mm flexible wire	60	Meter		
14	Wire and accessories (Battery terminals, interconnecting cables for battery)	1	L/S		
14.1	The wires and cables used in the system shall be flame retardant low smoke cables				
15	Installation, Testing and Commissioning	1	L/S		
15.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.				
16	Warranty				
16.1	Bidder must provide the comprehensive warranty of at least 2 years on both UPS and Battery (after acceptance)				

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